

Material Contained in the Molluscan Type Collection of the Santa Barbara Museum of Natural History

BY

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SHORTLY AFTER the 1962 fire at the Santa Barbara Museum of Natural History, Santa Barbara, California, I published a list of destroyed type material (SPHON, 1962). Since that time, the Invertebrate Department has been housed in a new fireproof laboratory building with a separate locked room for type material.

The following is a list of the types acquired since 1962. As a rule only holotypes, paratypes, and other primary types are kept separate. Occasionally, hypotypes (any listed or figured specimens) are kept in the type room. This is done especially if the hypotype is part of the author's original material, a figured specimen, or cited in a major publication as a range extension.

HOLOTYPE

Lima (Plicacea) sphoni HERTLEIN, 1963

Occ. Pap. Calif. Acad. Sci. no. 40, 6 pp., 3 figs.; 10 July 1963. SBMNH no. 03183

Pyrene aureola HOWARD, 1963

Santa Barbara Museum Occ. Pap. no. 7, 12 pp., 2 plts., 3 tables; May 1963. SBMNH no. 10876

Pterynotus (Pterochelus) phillipsi E. H. VOKES, 1966

The Veliger vol. 8, no. 3, pp. 165-166, plt. 25; 1 January 1966. SBMNH no. 22190

Pterotyphis (Tripterotyphis) fayae KEEN & CAMPBELL, 1964

The Veliger vol. 7, no. 1, pp. 54-56, plt. 11, figs. 39, 40, 43 and 44, text figs. 1 and 2; 1 July 1964. SBMNH no. 15999

Terebra (Strioterebrum) churea CAMPBELL, 1964

The Veliger vol. 6, no. 3, pp. 134-135, plt. 17, figs. 17, 18, and 24; 1 January 1964. SBMNH no. 03461

Venus fordii L. G. YATES, 1890

Santa Barbara Soc. Nat. Hist. Bull. no. 2, p. 46, plt. 1, figs. 1-5; August 1890. SBMNH no. 22900

PARATYPES

AND OTHER PRIMARY TYPE MATERIAL

Acmaea turveri fayae HERTLEIN, 1958

1 specimen, paratype no. 2

Anculosa tryoni LEWIS, 1870

6 specimens, paratypes

Berthelinia chloris belvederica KEEN & SMITH, 1961

1 specimen, paratype

Cardita redondoensis T. BURCH, 1944

1 specimen, paratype

Cerion caiocosense CLENCH, 1937

1 specimen, paratype

Cerion russelli CLENCH, 1938

1 specimen, paratype

Chondropoma cleti AGUAYO, 1939

1 specimen, paratype

Chondropoma yucayum bermudezi A. TORRE & C.

SANCHEZ, 1954

1 specimen, paratype

Cingula eyerdami WILLETT, 1934

9 specimens, paratypes

Clathrodrillia (Carinodrillia) bicarinata SHASKY, 1961

1 specimen, paratype

Cyclostoma (Omphalotropis) roseum GOULD, 1847

3 specimens, paratypes

Cypraea cernica viridicolor C. CATE, 1962

1 specimen, paratype

Epiphragmophora californiensis miwoka BARTSCH, 1919

4 specimens, paratypes

Epitonium tinctum bormanni STRONG, 1941

4 specimens, paratypes

Farcimen (Farcimen) majusculum ALCALDE, 1945

1 specimen, cotype

Farcimen (Farcimen) seminudum protractum ALCALDE,

1945

- 1 specimen, cotype
Helix (Ampelita) sakalava ANGAS, 1877
 2 specimens, paratypes
Helminthoglypta crotalina BERRY, 1928
 6 specimens, paratypes
Helminthoglypta fontiphila GREGG, 1931
 18 specimens, paratypes
Lamellaria sharoni WILLETT, 1939
 1 specimen, paratype
Lithophaga attenuata rogersi BERRY, 1957
 2 specimens, paratypes
Littorina caliginosa GOULD, 1849
 5 specimens, paratypes
Macrarene diegensis MCLEAN, 1964
 6 specimens, paratypes
Micrarionta melanopylon BERRY, 1930
 3 specimens, paratypes
Mitra (Atrimitra) semiusta BERRY, 1957
 1 specimen, paratype
Mitrella lalage PILSBRY & LOWE, 1932
 2 specimens, paratypes
Nassarius howardae CHACE, 1958
 25 specimens, paratypes
Ocenebra keenae BORMANN, 1946
 3 specimens, paratypes
Oliva rejecta BURCH & BURCH, 1962
 1 specimen, paratype no. 19
Olivella (Olivella) sphoni BURCH & CAMPBELL, 1963
 1 specimen, paratype no. 4
Opisthosiphon (Bermudezsiphona) cucullatum TORRE & BARTSCH, 1941
 1 specimen, paratype
Opisthosiphon judasense TORRE & HENDERSON, 1921
 1 specimen, paratype
Opisthosiphon (Bermudezsiphona) obturatum sulcosum TORRE & BARTSCH, 1941
 1 specimen, paratype
Partula crassilabris PEASE, 1866
 1 specimen, paratype
Partula imperforata "PEASE" GARRETT, 1884
 1 specimen, paratype
Patella sagittata GOULD, 1846
 4 specimens, paratypes
Pedicularia ovuliformis BERRY, 1946
 1 specimen, paratype
Persicula bandera COAN & ROTH, 1965
 2 specimens, paratypes
Phidiana pugnax LANCE, 1962
 1 specimen, paratype
- Pomatiopsis chacei* PILSBRY, 1937
 169 specimens, paratypes
Pterotyphis (Tripterotyphis) fayae KEEN & CAMPBELL, 1964
 58 specimens, paratypes
Pyrene aureomexicana HOWARD, 1963
 155 specimens, paratypes
Scalina (Ferminoscala) billeeana DU SHANE & BRATCHER 1965
 1 specimen, paratype
Siciliaria (Siciliaria) ferrox BRANDT, 1961
 1 specimen, cotype
Siciliaria (Siciliaria) nobilis episoma BRANDT, 1961
 1 specimen, cotype
Sinum cortezi BURCH & BURCH, 1964
 2 specimens, paratypes nos. 5 and 7
Stenacme floridana PILSBRY, 1945
 1 specimen, paratype
Terebra churea CAMPBELL, 1964
 1 specimen, figured paratype no. 1
Trochoidea (Xerocrassa) cretica beyedi BRANDT, 1959
 1 specimen, paratype
Trochoidea (Xerocrassa) forcarti BRANDT, 1959
 1 specimen, paratype
Trochoidea (Xeroptyca) serrulata jahamaensis BRANDT, 1959
 1 specimen, paratype
Trochomorpha contigua PEASE, 1871
 2 specimens, paratypes
Truncatella aurantia GOULD, 1847
 3 specimens, paratypes
Turritella anactor BERRY, 1957
 29 specimens, paratypes
Urocoptis livida barbouri TORRE & CLENCH, 1930
 1 specimen, paratype
Urocoptis heterosculpta TORRE, 1932
 1 specimen, paratype
Urocoptis lowei "TORRE" PILSBRY, 1927
 1 specimen, paratype
Vespericola karokorum TALMADGE, 1962
 4 specimens, paratypes
Volutocoris lutosa KOCH, 1948
 1 specimen, paratype

In addition to the species listed above the Museum has some thirty additional specimens of *Urocoptis*. To the best of my knowledge, however, these have manuscript names only by TORRE & BARTSCH and are not listed here. The same applies to three *Partula* names of PEASE.

HYPOTYPES

The Santa Barbara Museum of Natural History has most of the specimens cited by James McLean (1961) in his check list of Los Angeles Bay that were in the collection of Faye B. Howard. We also have most of the material cited by Helen DuShane (1962) in her checklist of Puertecitos that was in the collections of Faye B. Howard, Gale Sphon, and Homer P. King. These are not segregated, but are kept with the general systematic collection.

Oliva venulata LAMARCK, 1811

Nautilus, vol. 75, no. 4, plt. 17, upper and lower right figures. Figured hypotype.

Pyrene fuscata (SOWERBY, 1832)

Santa Barbara Mus. Nat. Hist. Occ. Pap. no. 7, plt. 1, figs. 4 and 5. Figured hypotype.

Pterotyphis (Tripterotyphis) fayae KEEN & CAMPBELL, 1964

63 specimens. Part of the authors' original material.

Terebra dushanae CAMPBELL, 1964

5 specimens. Part of the author's original material.

Vexillum moanae J. CATE, 1963

1 specimen. Part of the author's original material.

LITERATURE CITED

DU SHANE, HELEN

1962. A checklist of mollusks for Puertecitos, Baja California, Mexico. *The Veliger* 5 (1): 39 - 50; 1 map (1 July 1962)

MCLEAN, JAMES H.

1961. Marine mollusks from Los Angeles Bay, Gulf of California. *Trans. San Diego Soc. Nat. Hist.* 12 (28): 449 to 476; figs. 1 - 3

SPHON, GALE

1962. Destroyed type material. *The Veliger* 5 (1): 57 (1 July 1962)

